



Baby Tag

Product instructions



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version number : Manual Vision 1.0

Date of publication: June 2019

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I. Scope of application and scenarios

Application: suitable for infant anti-theft system, Baby Tag has reliable anti-damage characteristics, from the moment the label is put on, the label constantly automatically emits signals, so that the system can be monitored at any time. Without authorization, any attempt to remove or break the label triggers an alarm. The wristband used with the label can be adjusted to suit different babies, but not reused. The wristband can also be adjusted for changes in the baby's weight at any time, as the newborn baby loses weight in a few days after birth by rapidly losing excess water in the body. It is suitable for the safety protection of infants in the delivery room. Each Baby Tag has a unique number for automatic baby identification.

II. Product composition

The Baby Tag is mainly composed of plastic shell, circuit board, battery and so on. As shown in figure 1 below. Auxiliary equipment material: Baby Tag wristband (disposable), wireless charger (suitable for wireless charging version).



Figure 1 Appearance Structure of Baby Tag

III. Product performance and basic parameters

Main Product Parameters

1. Frequency: Support 433.8MHz、125KHz receive.
2. Operating voltage: VDC.3.7
3. Working temperature and humidity :5°C-40°C,0-90% RH.
4. Atmospheric pressure: hPa-1060hPa 860
5. Size: length*width*high =33 mm*28.2mm*12.3mm
6. Equipment battery capacity :3.7 VDC,30mAh.

IV. USE OF PRODUCT INSTALMENT

This product use is the need to combine with the baby anti-theft system of other equipment, before use need to use the wristband across the two sides of the Baby Tag anti-pull hole as shown in figure 2,3, so that it starts to work. Both ends of the wristband PE built-in resin sheet for easy wear.



Fig.2 The wristband passes through the Baby Tag

Fig .3 Baby tags worn on baby feet

After wearing, enter the unique ID address on the Baby Tag into the baby anti-theft system software, so that the label is added to the protective system. The baby label has a fixed heartbeat signal sent, the heartbeat signal received through the reader and then transmitted to the service system software, you can detect whether the baby label is online.

1. Exit alarm function: when the baby bound with Baby Tag is illegally taken to the exit, the exit will send out acousto-optic alarm, and the software will also have alarm warning.

2. Wristband cut alarm function: when the wristband of Baby Tag is broken by illegal cut, the label will send out the cut alarm signal, and the system software terminal will send out the alarm message and prompt sound.

3. Positioning function: the Baby Tag automatically sends the positioning signal

to the server according to the locator, and the server draws the trajectory map according to the positioning signal.

Wireless charging function of Baby Tag: Baby Tag adopts wireless charging technology, when low power alarm, make wireless charging seat charge the label. The indicator light of the base will flicker slowly (interval 2.5 seconds) when charging, and the indicator light will always light when full. Figure 4.



Fig .4 Baby Tag wireless charging

V. Cautions

1. this product is waterproof design, but built-in rechargeable battery. It is strictly forbidden to place boiling water for cleaning to prevent damage to the battery. Alcohol should be used for disinfection

2. Should cut the wristband when discharged, the wristband pull out direction should follow the direction, can not pull back hard to prevent pull out the built-in Reed.

3. This product is built-in battery, and damage is not available. Do not throw away at will. Can be placed together to contact our company for processing.

4. When the battery can not be charged to use, please do not disassemble and replace, contact our after-sale processing.

5. Baby Tag version note that V5.0 is button battery version is not wireless rechargeable, V5.2, V6.0 is wireless rechargeable lithium battery.

VI. Methods of product maintenance

1. This product is reusable, please sterilize with disinfectant alcohol before each use.

2. Low power alarm please charge in time.

3. Battery power needs to be viewed through server-side software.

VII. Product transport

The packaged products can be transported by ordinary means of transport, the ambient temperature in transit should be in the range of -10°C-55°C, the relative humidity is less than 95%, and the strong shock, vibration, extrusion and moisture should be prevented during transportation.

VIII. Product storage

1. Avoid splashing rain and direct sunlight;
2. Should be kept in a dry, well-ventilated, non-corrosive room.
3. The ambient temperature is -10°C-55°C and the relative humidity is $\leq 95\%$.
4. Avoid strong electric field or strong magnetic field;
5. Storage site without strong vibration, shock.
6. Packing more than 10 cm, and from floor to wall more than 50 cm;

IX. Analysis of basic faults

Table 1: List of Fault Analysis

Ordinal	Fault content	Solution
1	No alarm when the label is held at the exit	1. First check the battery power of the Baby Tag in the software to check if there is electricity. 2. Whether the baby's anti-theft system has added the label to the hospital, and the exit alarm can be turned on. 3. Check whether the wristband is in good contact, and the contact of the anti-pull spring point is good. 4. Change wristband or use paper clip short to see if recovery alarm. 5. If there is no response to the previous trial, you need to return our company to repair.
2	Cut the wristband and	1. Check whether the label has a low power alarm, low power may be triggered by mistake cut alarm.

	trigger the alarm by mistake	you should charge in time after application. 2. Check whether the wristband has pull marks, if there is a need to replace the wristband. 5. If there is no response to the previous trial, you need to return our company to repair.
3	Wireless charging flashing abnormal, fast flashing or not flashing.	1. Check the charging base and Baby Tag when charging whether the corresponding suction good, re-suction to see if recovery. 2. Change the charging base to see if it is restored. 3. If there is no response to the previous trial, you need to return our company to repair.

X. Packing list

Table 2: List of Packing List

No.	Name	Quantity	Unit
1	Baby Tag	1	PCS
2	Instructions	1	PCS

CE Caution:

Use the Product in the environment with the temperature Between -10℃ and 40℃; Otherwise, it may damage your product. Products can only be used below 2000m altitude

For the following equipment:

Product Name: Baby Tag

Brand Name: --

Model No.: E-RT500

Zhejiang Zhier Information Technology Co., Ltd.

E-mail: qiliping@enjoyor.net

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED
BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING
TO THE INSTRUCTIONS

This product is intended for sale and application in a business environment.

RED Article 10 2

-This product can be used across EU member states

RED Article 10 10

-The product is class 1 product, No restrictions

Frequency Range: 433.8MHz

RF Output Power: 5.443dBm(ERP)

Frequency Range: 125kHz(Receiver Only)

FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.